

CLAIMS

1. A laminated cove molding member for insertion between a counter top having a substantially horizontally extending surface and a vertical wall, said molding member comprising:
 - a rectangular elongated strip section comprising non-deformable material, said rectangular elongated strip having a first substantially planar surface and a second substantially planar surface, said elongated strip section being sized to substantially approximate the width of the side of the counter top;
 - a triangular strip section forming an end of the elongated strip section comprising a non-deformable material having a third and fourth planar surface, said third planar surface being at a first preselected acute angle to the first and second planar surfaces, said fourth planar surface being substantially perpendicular to the first and second planar surfaces and being at a second preselected acute angle to the third planar surface;
 - a laminate material affixed to the third planar surface of the triangular section planar surface forming a laminated triangular section, said laminate material being wear resistant and impervious to water.
2. The laminated cove molding member of claim 1 wherein the rectangular elongated strip section and a the triangular section are comprised of a non-deformable material selected from the group of wood, aluminum, stainless steel, expanded polyvinyl chloride, and combinations thereof.
3. The laminated cove molding member of claim 2 wherein the rectangular elongated strip section and a portion of the triangular section is comprised of expanded polyvinyl chloride.
4. The laminated cove molding member of claim 2 wherein the rectangular strip section is comprised of a preselected number of pieces of non-deformable material.

5. The laminated cove molding member of claim 4 wherein the rectangular strip section is comprised of two pieces of expanded polyvinyl chloride joined together with adhesive.
6. The laminated cove molding member of claim 5 wherein the adhesive is polyacetate adhesive.
7. The laminated cove molding member of claim 1 wherein the laminate material is joined to the triangular section with adhesive.
8. The laminated cove molding member of claim 1 wherein the adhesive is contact adhesive.
9. The laminated cove molding member of claim 1 wherein the first preselected acute angle is in the range of about 15° to about 75° and the second preselected acute angle is in the range of about 15° to about 75° , and the sum of the first and second preselected acute angles is 90° .
10. The laminated cove molding member of claim 9 wherein the first preselected angle is about 45° and the second preselected angle is about 45° .
11. A method of manufacturing a laminated cove molding member comprising the steps of:
 - providing a rectangular sheet of substrate material having a preselected length, a preselected width, a first preselected thickness, a first planar face, and an opposed second planar face;
 - providing a laminate strip;
 - providing an adhesive;
 - applying the adhesive to the first planar face of the rectangular sheet;
 - adhering the laminate strip to the adhesive on the first planar face of the rectangular sheet, said laminate strip being wear resistant and impervious to water;
 - allowing the adhesive to cure after adhering the laminate strip to form a laminated structure;

removing a portion of the laminated structure to create a third planar surface intersecting the laminate strip at a preselected acute angle to the first planar face;

planing the surface of the third planar face to provide a flat surface having a preselected surface finish;

removing a portion of the laminated structure from the first planar face and opposite the third planar face to form a fourth planar face substantially parallel to the third planar face, the distance between the third planar face and the fourth planar face being a preselected thickness and to form a fifth planar surface substantially perpendicular to the fourth planar surface, the fifth planar surface forming a second preselected acute angle with the first planar surface;

planing the surface of the fifth planar face to provide a flat, smooth having a preselected surface finish.

12. The method of claim 11, wherein the first preselected acute angle is in the range of about 15° to about 75° and the second preselected acute angle is in the range of about 15° to about 75° , wherein the sum of the first and second acute angles is about 90° .

13. The method of claim 12 wherein the first preselected acute angle is about 45° and the second preselected acute angle is about 45° .

14. A method of manufacturing a laminated cove molding member comprising the steps of:

providing an extrusion die having a preselected size having a predetermined cross-section defined by at least four contiguous lines, wherein a first line intersects a second line at a first preselected acute angle, wherein a third line intersects the first line at a second preselected acute angle, wherein a fourth line intersects the third line at about a right angle, and wherein the second and fourth lines are substantially parallel to one another and separated by a preselected distance that forms a preselected thickness;

providing a substrate material having a preselected length, said substrate material having a preselected cross-sectional area to allow it to cover the extrusion dye of a preselected size;

extruding the substrate material through the extrusion dye, wherein the extruded substrate material has the cross-section of the die;

providing a strip of laminate material, wherein said laminate material is wear resistant and impervious to water;

affixing the laminate to a planar face of the substrate material;

15. The method of claim 14, wherein the first preselected acute angle is in the range of about 15° to about 75° and the second preselected acute angle is in the range of about 15° to about 75°, wherein the sum of the first and second acute angles is about 90°.

16. The method of claim 15 wherein the first preselected acute angle is about 45° and the second preselected acute angle is about 45°.

17. A method of manufacturing a laminated cove molding member comprising the steps of:

providing an injection mold having a preselected size, said injection mold having an inner and an outer surface, said inner surface having a predetermined cross-section defined by at least four contiguous lines, wherein a first line intersects a second line at a preselected acute angle, wherein a third line intersects the first line at a preselected acute angle, wherein a fourth line is at a substantially right angle to the third line, and wherein the second and fourth lines are substantially parallel to one another and separated by a preselected distance that forms a preselected thickness;

providing substrate material to form a cove molding;

injecting the substrate material into the injection mold;

allowing the cove molding to cure;

removing the cove molding from the injection mold;

providing a strip of laminate material, wherein said laminate material is wear resistant and impervious to water;

adhering the laminate to the first planar face of the cove molding to form a laminated cove molding;

18. The method of claim 17, wherein the first preselected acute angle is in the range of about 15° to about 75° and the second preselected acute angle is in the range of about 15° to about 75°.
19. The method of claim 18 wherein the first preselected acute angle is about 45° and the second preselected acute angle is about 45°.
20. A laminated cove molding member for installation on a counter top having a substantially horizontally extending surface and a vertical wall, said molding member comprising:
 - a triangular strip section having a first, second, and third planar surfaces, said third planar surface being at a first preselected acute angle to the first planar surface and the second planar surface being at a right angle to the first planar surface, said triangular strip section being sized to substantially approximate the width of the counter top;
 - a laminate material affixed to the third planar surface forming a laminated triangular section, said laminate material being wear resistant and impervious to water.